SPP Roadmap (Non-NDA)

March 2013

Seagate Core Portfolio

Desktop	Mobile	2.5” Enterprise	3.5” Enterprise	CE
Desktop HDD Barracuda®	**Laptop SSHD** Momentus® XT	**Pulsar™ .2** High Endurance MLC	**Cheetah® 15K**	**SV35™** Surveillance
	Laptop HDD Momentus®	**Enterprise Performance 15K HDD** Savvio® 15K	**Enterprise Capacity 3.5** Constellation™ ES	**Pipeline™ HD** Consumer DVRs
	Laptop Thin HDD Momentus® Thin	**Enterprise Performance 10K HDD** Savvio® 10K	**Enterprise Value** Constellation™ CS	
		Enterprise Capacity 2.5 Constellation™		

Updates this Month – March 2013

Focus areas by product segment

Desktop	Mobile	2.5” Enterprise	3.5” Enterprise	CE
New 3.5-inch Solid State Hybrid Drive **Desktop SSHD** 2.0TB - 6Gb/s SATA 64MB ST2000DX001, 1.0TB - 6Gb/s SATA 64MB ST1000DX001. *Channel availability in April*	**New 2.5-inch Solid State Hybrid Drives** **Laptop SSHD** 1.0TB – ST1000LM014 - 8GB SSD, 500GB - ST500LM000 - 8GB SSD (Availability in March 2013) **Laptop HDD** Momentus® 5400 (Last Order 12/4/12, Last Ship 3/29/13) **Laptop HDD** Momentus® 7200 (Last Order 5/17/13, Last Ship 6/28/13) **Laptop HDD** Momentus® SED New Last Time Order and Last Time Ship dates: TBD **Laptop Thin HDD** Momentus® Thin 5400RPM Last Order 3/1/13, Last Ship 6/28/13	**Pulsar SSD** No Changes **Enterprise Performance 15K** Savvio® 15K No Changes **Enterprise Performance 10K** Savvio® 10K New Savvio 10K.6 (6th generation) – Now includes SED feature at no additional cost. Updated Savvio 10K.5 (5th generation) Last Order 6/3/13, Last Ship 8/31/13) **Enterprise Capacity 2.5** Constellation™ No Changes	**Cheetah 15K** SCSI AVAILABLE THROUGH DECEMBER 2013 pending demand. **Enterprise Capacity 3.5** Constellation™ ES New Constellation ES3 with capacities available up to 4.0TB! New Last Time Order and Last Time Ship dates or 2nd generation & SED **Enterprise Value** Constellation™ CS New Constellation CS for replicated data environments like Cloud Bulk Storage - with capacities available up to 3.0TB!	**Surveillance HDD** No Changes **Video 3.5 HDD** Added a 3.0TB & 4.0TB

Desktop Roadmap

Family		Mar	Apr	May	Jun	Jul	Aug	4.0TB	3.0TB	2.0TB	1.5TB	1.0TB	500GB	320GB	250GB
Desktop SSHD NEW		→								✔		✔			
		2.0TB - 6Gb/s SATA 64MB ST2000DX001 1.0TB - 6Gb/s SATA 64MB ST1000DX001 *Channel availability in April*													
Desktop HDD Barracuda		→						✔	✔	✔	✔	✔	✔	✔	✔
		4.0TB - ST4000DM000 3.0TB - ST3000DM001 2.0TB - ST2000DM001 1.5TB - ST1500DM003 1.0TB - ST1000DM003 500GB - ST500DM002 320GB - ST320DM000 250GB - ST250DM000													
		1.0TB - ST31000524AS – Last Order 2/15/13, Last Ship 3/29/13													

✔ 6Gb SATA

Includes only products that have been publically announced

Consumer Electronic Roadmap

Family		Mar	Apr	May	Jun	Jul	Aug	4.0TB	3.0TB	2.0TB	1.0TB	500GB	320GB	250GB
Surveillance HDD		→							✔	✔	✔			
		3.0TB - ST3000VX000 (7200 RPM, 6Gb/s SATA, 64MB cache) 2.0TB - ST2000VX000 (7200 RPM, 6Gb/s SATA, 64MB cache) 1.0TB - ST1000VX000 (7200RPM, 6Gb/s SATA, 64MB cache)												
Video 3.5 HDD Consumer DVR		→						✔	✔	✔	✔	✔	✔	✔
		4.0TB – ST4000VM000 3.0TB - ST3000VM002 2.0TB - ST2000VM003 1.0TB - ST1000VM002 500GB - ST3500312CS 320GB - ST3320311CS 250GB - ST3250312CS												

✔ 6Gb SATA ✔ 3Gb SATA

Includes only products that have been publically announced

Mobile Roadmap

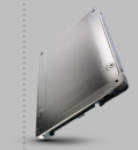
Family		Mar	Apr	May	Jun	Jul	Aug	1.0TB	750GB	500GB	320GB	250GB
Laptop SSHD Momentus XT SSHD (Hybrid)		1.0TB – ST1000LM014 - 8GB SSD (Availability in March 2013) 500GB - ST500LM000 - 8GB SSD (Availability in March 2013) 750GB - ST750LX003 (Last Ship TBD)						✔	✔	✔		
Laptop HDD Momentus 7200 RPM		750GB - ST9750420AS (Last Order 5/17/13, Last Ship 6/28/13) 500GB – ST9500423AS (Last Order 5/17/13, Last Ship 6/28/13) 320GB – ST320LT007 – 7mm 250GB – ST250LT007 – 7mm **Transition 7200 to SSHD**							✔	✔	✔	✔
Laptop HDD Momentus 5400 RPM		320GB - ST9320325AS (Last Order 12/4/12, Last Ship 3/29/13) 250GB - ST9250315AS (Last Order 12/4/12, Last Ship 3/29/13)									✔	✔
Laptop HDD Momentus SED Self Encrypting Drives		500GB 5400 7mm (FIPS) - ST500LT015 500GB 5400 7mm (SED/OPAL)- ST500LT025 320GB 7200 - ST320LT009 (FIPS) (Last Order TBD, Last Ship TBD) 320GB 7200 - ST320LT014 (SED/OPAL) (Last Order TBD, Last Ship TBD)								✔	✔	
Laptop Thin HDD Momentus Thin		500GB - ST500LT012 (5400) 320GB - ST320LT012 (5400) 320GB - ST320LT020 (5400) Last Order 3/1/13, Last Ship 6/28/13 250GB - ST250LT012 (5400) 250GB - ST250LT003 (5400) Last Order 3/1/13, Last Ship 6/28/13								✔	✔	✔

Includes only products that have been publically announced

✔ 6Gb SATA ✔ 3Gb SATA

2.5” Enterprise SSD Roadmap

Family	Mar	Apr	May	Jun	Jul	Aug	800 GB	400 GB	200 GB	100 GB
Pulsar.2 High Endurance MLC	800GB - ST800FM0002 (6Gb/s SAS, SED option available) 400GB - ST400FM0002 (6Gb/s SAS) 400GB - ST400FM0012 (6Gb/s SATA) 200GB - ST200FM0002 (6Gb/s SAS) 200GB - ST200FM0012 (6Gb/s SATA) 100GB - ST100FM0002 (6Gb/s SAS) 100GB - ST100FM0012 (6Gb/s SATA)						✔	✔ ✔	✔ ✔	✔ ✔



Seagate Secure™

6Gb/s Serial Attached SCSI

SED option = Self Encrypting Drive technology (SAS only)

✔ 6Gb SATA ✔ SAS 6Gb

Includes only products that have been publically announced

2.5” Enterprise Roadmap

Family	Gen		Mar	Apr	May	Jun	Jul	Aug	900GB	600GB	450GB	300GB	146GB
Enterprise Performance 15K Savvio 15K	3		300GB - ST9300653SS 146GB - ST9146853SS									✔	✔
Enterprise Performance 10K Savvio10K	5		900GB - ST9900805SS (SAS) – (Last Order 6/3/13, Last Ship 8/31/13) 600GB - ST9600205SS (SAS) – (Last Order 6/3/13, Last Ship 8/31/13) 450GB - ST9450405SS (SAS) – (Last Order 6/3/13, Last Ship 8/31/13) 300GB - ST9300605SS (SAS) – (Last Order 6/3/13, Last Ship 8/31/13)						✔	✔	✔	✔	
	6		900GB - ST900MM0026 (SAS) – SED Included 600GB - ST600MM0026 (SAS) – SED Included 450GB - ST450MM0026 (SAS) – SED Included 300GB - ST300MM0026 (SAS) – SED Included						✔	✔	✔	✔	

Family	Gen		Mar	Apr	May	Jun	Jul	Aug	1.0TB	500GB	250GB	160 GB
Enterprise Capacity 2.5 Constellation	2		1.0TB - ST91000640SS (SAS), ST91000640NS (SATA) 500GB - ST9500620SS (SAS), ST9500620NS(SATA) 250GB - ST9250610NS (SATA)						✔ ✔	✔ ✔	✔	

✔ 6Gb SATA ✔ SAS 6Gb

Includes only products that have been publically announced

3.5” Enterprise Roadmap

Family	Gen		Mar	Apr	May	Jun	Jul	Aug	600 GB	450 GB	300 GB	146 GB	73 GB
Cheetah 15K	7		600GB - ST3600057SS 450GB - ST3450857SS 300GB - ST3300657SS		AVAILABLE THROUGH DECEMBER 2013 pending demand.				✔	✔	✔		
Family	**Gen**		**Mar**	**Apr**	**May**	**Jun**	**Jul**	**Aug**	**4.0 TB**	**3.0 TB**	**2.0 TB**	**1.0 TB**	**500 GB**
Enterprise Capacity 3.5 Constellation ES	2		3.0TB - ST33000650NS / ST33000650SS (SATA / SAS) 2.0TB - ST32000645SS / ST32000645NS (SATA/SAS) 2.0TB - ST2000NM0011 / ST2000NM0001 (6Gb SATA, SAS) 1.0TB - ST1000NM0011 / ST1000NM0001 (6Gb SATA, SAS) 500GB - ST500NM0011 / ST500NM0001 (6GB SATA, SAS) All scheduled for Last order 6/28/13, Last Ship 9/27/13							✔ ✔	✔ ✔	✔ ✔	✔ ✔
	3		**4.0TB - ST4000NM0033 / ST4000NM0023 (SATA / SAS)** 3.0TB - ST3000NM0033 / ST3000NM0023 (SATA / SAS) 2.0TB - ST2000NM0033 / ST2000NM0023 (SATA / SAS) 1.0TB - ST1000NM0033 / ST1000NM0023 (SATA / SAS)						✔ ✔	✔ ✔	✔ ✔	✔ ✔	
Enterprise Value Constellation CS	1		3.0TB - ST3000NC002 / ST3000NC000 [Instant Secure Erase ISE] 2.0TB - ST2000NC001 / ST2000NC000 [Instant Secure Erase ISE] 1.0TB - ST1000NC001 / ST1000NC000 [Instant Secure Erase ISE]						✔	✔	✔		

SED option = Self Encrypting Drive technology (SAS only)

✔ SATA 6Gb ✔ SAS 6Gb

Includes only products that have been publically announced

Enterprise SED Roadmap

Family	Gen	Mar	Apr	May	Jun	Jul	Aug	900GB	600GB	450GB	300GB	146GB	73GB
Enterprise Performance 15K Savvio 15K	3	300GB - ST9300553SS (SED) 300GB - ST9300553SS (SED & FIPs) 146GB - ST9146753SS (SED) 146GB - ST9146753SS (SED & FIPs)									✔	✔	
Enterprise Performance 10K Savvio10K	5	900GB - ST9900705SS (Last Order 12/1/12, Last Ship 3/31/13) 600GB - ST9600105SS (Last Order 12/1/12, Last Ship 3/31/13) 450GB - ST9450305SS (Last Order 12/1/12, Last Ship 3/31/13) 300GB - ST9300505SS (Last Order 12/1/12, Last Ship 3/31/13)						✔	✔	✔	✔		

Family	Gen	Mar	Apr	May	Jun	Jul	Aug	4.0TB	3.0TB	2.0TB	1.0TB	500GB	250GB
Enterprise Capacity 2.5 Constellation	2	1.0TB - ST91000641SS (SAS, SED) 1.0TB - ST91000642SS (SAS, SED & FIPS) 500GB - ST9500621SS (SAS, SED) 500GB ST9500622SS (SAS, SED & FIPS) 1.0TB - ST91000641NS (SATA, SED) 1.0TB - ST91000642NS (SATA, SED & FIPS) 500GB - ST9500621NS (SATA ,SED) 500GB - ST9500622NS (SATA ,SED & FIPS) 250GB - ST9250611NS (SATA ,SED) 250GB - ST9250612NS (SATA, SED & FIPS)									✔ ✔	✔ ✔	✔
Enterprise Capacity 3.5 Constellation ES	2, 3	4TB - SAS SED/FIPS: ST4000NM0043/ST4000NM0063 4TB - SATA SED/FIPS: ST4000NM0053 / ST4000NM0073 3TB - SAS SED/FIPS:ST3000NM0043/ST3000NM0063 3TB - SATA SED: ST3000NM0053 2TB - SAS SED/FIPS ST2000NM0043/ST2000NM0063 2TB - SATA SED: ST2000NM0053 1TB - SASSED/FIPS ST1000NM0043/ST1000NM0063 FIPS, 1TB - SATA SED:ST1000NM0053 SED						✔ ✔	✔ ✔	✔ ✔	✔ ✔		

SED / Data Security option requires TCG compliant host or controller support.

✔ 6Gb SATA ✔ SAS 6Gb

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